



September 15, 2003

Dear RIGIS Data User,

The RIGIS and its participants are announcing the below listed updates and additions to the RIGIS database. A CDROM containing these data is available from the RIGIS Coordinator at Statewide Planning in Providence. This CDROM, (RIGISUP03), also contains a copy of the most recent version of the ESRI data viewing software **ArcExplorer 2.0**. ArcExplorer is a copyrighted product of the Environmental Systems Research Institute, (ESRI), a privately owned California company. The RIGIS has graciously been allowed by ESRI to distribute ArcExplorer on its CDROM products. A copy of this RIGIS Catalog in Adobe Acrobat \*.pdf format can also be found on the RIGIS section of the Statewide Planning Web site [www.planning.ri.gov](http://www.planning.ri.gov). This site also contains a listing of CDROM products available from the RIGIS through the system coordinator. Normal license fees for CDROM products are \$50 per CD. However, CDROM copies of the updated vector data on RIGISUP03 will be provided on request at no cost to users holding RIGIS License Agreements.

RIGIS vector and raster data are available for free download over the Internet at the University of Rhode Island's Environmental Data Center web site [www.edc.uri.edu](http://www.edc.uri.edu). A complete data listing including this catalog, data in ESRI shapefile and coverage interchange file format, raster images and metadata for individual data sets is found at this site. It is expected that the new data listed below will be available from this site in the fall of 2003.

## **CENSUS**

**CensusF3** – RIDOA Statewide Planning – US Census 2000 source data for Rhode Island from Summary File 3 (SF3) of population and housing including age, sex, race, households, income, education level and housing unit information to the Census Block Group level.

New Data Set Listing-US Census/RIDOA/SWP

**COASTAL RESOURCES** (New Category for features and resources related to Narragansett Bay and Rhode Island's South Coasts)

**Crmcbay** - Narragansett Bay water areas classified by use categories

**New Data Set Listing - RI CRMC**

**Crmccest** - Rhode Island south coastal water areas classified by use categories as defined by the RI Coastal Resources Management Council - **New Data SetListing – RI CRMC**

**Cstlwet** - Eelgrass beds, estuarine and marine wetlands for Rhode Island's southern coastal areas delineated as polygon features from 1999 true color aerial photography **New Data SetListing - RIDEM**

**Cstlwetarc** - Eelgrass beds, estuarine and marine wetlands for Rhode Island's southern coastal areas delineated as line features from 1999 true color aerial photography **New Data Set Listing - RIDEM**

**Nbdegrade** - Internally degraded coastal wetland sites in Narragansett Bay delineated from 1996 true color aerial Photography  
**New Data Set Listing- RIDEM**

**NbImpact** - Potential external wetland impacts to estuarine and marine wetlands in Narragansett Bay delineated from 1996 1:40,000 true color aerial photography. **New Data Set Listing- RIDEM**

**NBhrdshore** -Hardened shorelines(pier, jetty, etc)in Narragansett Bay ..  
**New Data Set Listing- RIDEM**

**Nblu500** – Landuse/landcover classssification of uplands in the 500 foot buffer zone of coastal wetlands, delineated from 1996 true color aerial photography  
**New Data Set Listing - RIDEM**

**Nbwet** – Eelgrass beds, estuarine and marine wetlands in Narragansett Bay delineated from 1996 true color aerial photography  
**New Data Set Listing - RIDEM**

## **ECONOMIC (New Category – Replaces Industry)**

**Edzones** - Economic development enterprise zones as delineated by US Census 1990 census tract boundaries as defined by the RI Enterprize Zone Council.  
**New Data Set Listing – RIEDC/RIDOA/SWP**

## **FACILITIES**

**PubSafe** – Public safety facilities including fire, municipal and state stations, and city and town halls in Rhode Island – Listing also shown in Emergency Management category. **Replaces former *municipal* (municipal facilities data set). RIDOA/SWP**

## **GEOLOGY**

**Bedrock** – Bedrock geology for Rhode Island from 1994 as determined by the Department of Geological Sciences and the Office of the State Geologist at the

University of Rhode Island – **Recently released new data set. URI/Geosciences**  
**HYDROGRAPHY/HYDRAULOGY**

**Dbasins12** – Surface water drainage basins with NRCS hydrologic unit coding (huc12) for all of Rhode Island. **New Data Set Listing – USDA/NRCS**

**Lakes5k** –Major and Lakes ponds in the state with name attributes based on 1997 1:5000 photography – **New data supplements Ponds5k on RIGISUP02 – E911/RIDOA**

**SENEhuc** - Surface water drainage basins with NRCS hydrologic unit coding (huc12) for all rivers and streams in southeastern New England entering Narragansett Bay and Rhode Island coastal waters **New Data Set Listing – USDA/NRCS**

**OPEN SPACE**

**DEMOPEN03** - Protected open space lands owned, maintained or with acquisition supported by the Rhode Island Department of Environmental Management. **Newly Released Data-Replaces demopen02 – RIDEM**

**Shorepts** - Public access points to the shoreline of Narragansett Bay and Rhode Island coastal waters designated by the RI Coastal Resource Management Council – **New Data Set – RI CRMC**

**RASTER**

**1939,1951,1962,1972,1981,1992 Digital Aerial Photography** Scanned historical images of statewide aerial photography in a MrSid compressed format. – (Electronic download and CDROM products of these images are not ortho-rectified, and not georegistered) – **Some year group sets were actually released in earlier years - RIDOA/SWP**

**TRANSPORTATION**

**BikePaths** -center lines for all bicycle paths, bicycle routes, and bicycle lane center lines for all statewide and local bikeways, bike routes, and bike lanes for Rhode Island. **Updated data – Replaces bike routes from RIGIS02 - RIDOT**

**ExitRamps** - Exit/entrance ramps or road locations for all numbered exits in Rhode Island on state divided highways. – **Newly released data - RIDOT**

**E911rds** – Road Centerline files based on data from the 1997 National Grid USA/RIDOT Digital Orthophoto Project with preliminary E-911 road/street name & address ranges updated to January 2003 - **Updates and replaces E911rds (2002 from RIGISUP02 - RI E911**

**RIDOTrds(5k)/roads** –Road centerlines in Rhode Island based on data from the 1997 National Grid\_USA/RIDOT Digital Orthophoto Project with FHWA functional and RIDOT county map classification- **New Data Set -RIDOT**

**RAIL** -Active and inactive railroad lines and rights of way **Updated Data Set - Replaces RIRail (2000) from RIGISUP02 – RIDOT**

**TRAFFIC COUNT/traffic** - Vehicular traffic counts as determined by RIDOT at selected locations on Rhode Island roads  
**Updated Data Set - Replaces Traffic Counts(1996) from RIGIS99V – RIDOT**

**TIGERDS00** - All roads in RI from US Census TIGER line files with census tract and block, names, address ranges, and postal zip code attribute references. Spatial reference to TIGERmap base does not match other RIGIS/RIDOT roads data. **Updated Data Set Replaces s44ttl98 and tigerds (1998) from RIGIS99V – U.S. Census/ RIDOH METADATA**

Metadata is the data about the data, or the information surrounding and included in the many GIS datasets that we possess and distribute. Metadata explains important features, characteristics and limitations of each of these data sets. It includes information as to the source of the data and how and when it was put into a computerized format, the accuracy of the data and an indication as to how it should be used. It also tells important things about features within the data set such as coding for ownership of an open space parcel, type or porosity of a soil, or the name of a road.

The RIGIS is presently in a transition phase between a RIGIS metadata standard created and adopted in 1993, and a more extensive standard conceived by the Federal Geographic Data Council (FGDC) for national use. Although much of the metadata on RIGIS data is still in the older RIGIS format, the newly released data on RIGISUP03 is in the FGDC format. The newer metadata in an \*.html format can be viewed with most software browser packages. All RIGIS data sets also include metadata in a text file format that can be identified by a \*.met or \*.txt file name extension. They can be read with most text editors such as WordPad or Notepad included in MS Operating system.

## **CDROM PRODUCTS**

In addition to the above RIGIS data, **raster data available on CDROM packages** includes the **Statewide Planning Program's historic aerial photography** data sets, the **USGS digital Orthophoto 1995** series and the **RIDOT/National Grid 1997 Orthophoto** series in a MrSid compressed format. To assist those users that do not currently have GIS or CAD software capable of reading the compressed MrSid format, RIGIS digital orthophoto CDs include a copy of the MrSid Viewer from LizardTech. This allows users to view the images on screen in the compressed format or inflate the images to their native TIFF format for use with other software. RIGIS also makes available on CDROM the **US Geological Survey digital quad or topo maps** for Rhode Island and the **NOAA nautical chart series** for Narragansett Bay and Rhode Island coastal waters (RIGISNCC) in uncompressed TIFF format.

Sincerely,  
John Stachelhaus - RIGIS Coordinator